

Document Log Item		Release	
Notice: this template will become DEPRECATED as EPA exits Lotus Notes for e-mail. Replacement tool information can be found at this link: http://intranet.epa.gov/ediscovery/			
Addressing			
From		To	
Robert Elleman/R10/USEPA/US		Helen Rueda/R10/USEPA/US@EPA Helen Rueda/R10/USEPA/US	
CC		BCC	
Description			Form Used: Reply
Subject		Date/Time	
Re: Weather Data		09/11/2012 02:21 PM	
# of Attachments	Total Bytes	NPM	Contributor
1	370,894		Robert Elleman
Processing			
Comments			
X Seems no harm in releasing HR			
<input type="text"/> Clear Category		<input type="text"/> Non-responsive	
		<input type="text"/>	
Release			
			<input type="checkbox"/> Printed

Body

Document Body

Use this version of the excel file. I cleaned up some of the other sheets. Note that some of the other sites had a fair amount of rain on 6/30/2004, like Deer Park, Newport, Felts Field, and Tacoma Creek. There was definitely a storm in the area.



Helen_Sept2012.xlsx

When looking at the RAWS sites, the precipitation is in inches. When looking at the NWS sites, the precipitation is in tenths of millimeters. If the NWS value for precip is "99", that is 9.9 mm or 0.39 inches. You can use the following web site to convert mm to inches when you need to:
https://www.google.com/search?q=9.9+mm+in+inches&rls=com.microsoft:en-us:IE-SearchBox&ie=UTF-8&oe=UTF-8&sourceid=ie7&rlz=117GZHZ_enUS470&safe=on

When looking at the TMAX and TMIN for the NWS sites, the data is in tenths of degrees Celsius. So "294" is 29.4 degC, about 85 degF.
https://www.google.com/search?q=29.4+deg+c+in+deg+f&rls=com.microsoft:en-us:IE-SearchBox&ie=UTF-8&oe=UTF-8&sourceid=ie7&rlz=117GZHZ_enUS470&safe=on

Robert Elleman, Ph.D.
Meteorologist
EPA Region 10
Seattle, WA
elleman.robert@epa.gov
(206) 553-1531

Helen Rueda

Hi Robert That is great! We are having a prelimi...

09/11/2012 10:34:18 AM

From: Helen Rueda/R10/USEPA/US
To: Robert Elleman/R10/USEPA/US@EPA,
Date: 09/11/2012 10:34 AM
Subject: Re: Weather Data

Hi Robert

That is great! We are having a preliminary meeting on this on the 24th of September so it would be good to have some information by the week before the meeting.

I found out that the upstream model used the Sandpoint, airport weather station in Idaho. So it would be great if you could look at data from that station. For that one wind might be a factor to look at too (if it is available), since the wind on lake Pend Oreille could have a significant cooling effect.

Also it would be good to have a general sense of the difference in temperature trends for that area between 2004 and 2005, in the summer?

Helen

Robert Elleman

Helen, Absolutely! I can check on the data, put s...

09/10/2012 06:06:18 PM

From: Robert Elleman/R10/USEPA/US
To: Helen Rueda/R10/USEPA/US@EPA
Date: 09/10/2012 06:06 PM
Subject: Re: Weather Data

Helen,

Absolutely! I can check on the data, put something rough together with minimal effort, and we can talk through it. That discussion and info might give you all you need, or we might go another step.

What is your timeline for this? I want to make sure we do this preliminary discussion early enough so that any follow on data lookup or analysis can be done by the time you need it all.

In terms of my schedule, it is entirely reasonable for me to slap something together and have a preliminary discussion in the next day or two.

Rob

Robert Elleman, Ph.D.
Meteorologist
EPA Region 10
Seattle, WA
elleman.robert@epa.gov

(206) 553-1531

Helen Rueda

Hi Robert - How is your summer going?

09/10/2012 04:20:24 PM

From: Helen Rueda/R10/USEPA/US
To: Robert Elleman/R10/USEPA/US@EPA,
Date: 09/10/2012 04:20 PM
Subject: Weather Data

Hi Robert -

How is your summer going?

I am working on a project and was wondering if you might have time to look some information up for me or tell me where I could find the data to figure these things out myself. Check out what I have written below. and let me know whether it is something you could do without a lot of time and effort. I have no idea how much work something like this would involve, but I have been impressed with the information you have gotten for me in the past, so I thought I would try you.

I need to get some weather information for the weather stations below used in a model that has become a point of contention. There is also a model in Idaho that is linked to this model so I may have some additional stations there for the same dates, will look into that if this is feasible.

I am interested in whether there is a record showing cooling events such as storms at the weather stations listed below within a day or two prior to, or on these dates:

August 24th 2004,

June 24th 2004

June 30th 2004

These are the weather stations used in the model....I am pretty sure that they are all in Washington state:

Spokane Airport NWS 457938

Mount Spokane Lookout NWS 455675

Little Pend Oreille RAWS xx453416

Newport NWS 455844

Flowery Trail RAWS 323194F2

Tacoma Creek RAWS 3262A224

Teepee Seed Orchard RAWS 3231D7F8

Sullivan Lake Ranger Station NWS 458161

Deer Park Airport 727854 (RAWS #)

Felts Field 727860 (NWS#)

Helen Rueda,

Office of Water, Watershed Unit

Region 10 USEPA

805 SW Broadway, Suite 500

Portland, OR 97205

(503) 326-3280 work

(503) 326-3399 (FAX)